

04260990 CRANBERRY LAKE AT CRANBERRY LAKE, NY

St. Lawrence Basin
Oswegatchie Subbasin

LOCATION.--Lat 44°13'14", long 74°50'55" referenced to North American Datum of 1927, St. Lawrence County, NY, Hydrologic Unit 04150302, on right wall at outlet structure, at village of Cranberry Lake.

DRAINAGE AREA.--140 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--April 1923 to current year.

GAGE.--Nonrecording gage read daily at 1200 hours. Datum of gage is 1,469.75 ft above NGVD of 1929.

REMARKS.--Dam completed in 1867 and controlled storage for which records are available began in 1923. Usable capacity above elevation 1,475.25 ft is 2,530 mil ft³. Crest at spillway is at elevation 1,486.43 ft. Length of spillway is 110 ft. Area of water surface at crest elevation is 10.9 mi². Records provided by Oswegatchie River-Cranberry Reservoir Commission. Gage heights at 2400 hours, by interpolation.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 2,985 mil ft³, May 13-15, 1971, gage height, 18.5 ft; minimum contents observed, 70 mil ft³, Apr. 1-4, 1956, gage height, 6.0 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents observed, 2,560 mil ft³, July 23, gage height, 17.1 ft; minimum contents observed, 1,296 mil ft³, Mar. 31, Apr. 1, 2, gage height, 12.3 ft.

MONTH-END ELEVATION AND CONTENTS

WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Date	Gage Height (feet) *	Contents (million ft ³)	Change in contents (equivalent in ft ³ /s)
Sept. 30	15.1	1,996	
Oct. 31	16.5	2,380	+143
Nov. 30	15.9	2,212	-64.8
Dec. 31	13.8	1,658	-207
CAL YR 2007	--	--	-11.5
Jan. 31	13.3	1,532	-47.0
Feb. 29	13.0	1,460	-28.7
Mar. 31	12.3	1,296	-61.2
Apr. 30	16.9	2,500	+464
May 31	16.7	2,440	-22.4
June 30	16.6	2,410	-11.6
July 31	16.7	2,440	+11.2
Aug. 31	16.3	2,324	-43.3
Sept. 30	16.1	2,268	-21.6
WTR YR 2008	--	--	+8.60

* Gage heights at 2400 hours, by interpolation.